

ABSTRACT

A mechanical inspection sled which can be pushed through a pipeline using a series of connecting rigid rods. Mechanical measuring devices are mounted on the sled. These devices deflect when the pipe's internal diameter decreases. The deflection is visually observable by the user through a series of reflective indicators. The measuring devices are sufficiently pliable to allow the sled to pass beyond distorted areas and complete a full inspection of the pipeline. The measurement devices are adjustable to allow the sled to be used in many different pipe sizes. Because the device is purely mechanical, it is quite rugged and able to withstand harsh environments.